

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Errors
						Definitors	Definition
1	BRS	L1	466	boulinum adj (toxin or neurotoxin)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:10	0
2	BRS	L2	81	clostridial adj (toxin or neurotoxin)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:10	0
3	BRS	L3	2	beratti adj (toxin or neurotoxin)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:11	0
4	BRS	L4	3	butyricum adj (toxin or neurotoxin)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:11	0
5	BRS	L5	19	tetani adj (toxin or neurotoxin)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:11	0
6	BRS	L6	494	(botulinum adj (toxin or neurotoxin)) or (clostridial adj (toxin or neurotoxin)) or (beratti adj (toxin or neurotoxin)) or (butyricum adj (toxin or neurotoxin)) or (tetani adj (toxin or neurotoxin))	USPAT; EPO; JPO; DERWENT	2004/01/13 09:12	0
7	BRS	L7	839	targeting adj moiety	USPAT; EPO; JPO; DERWENT	2004/01/13 09:13	0
8	BRS	L8	3835	substance adj p	USPAT; EPO; JPO; DERWENT	2004/01/13 09:13	0
9	BRS	L9	26	6 same (7 or 8)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:13	0

Type	L #	Hits	Search Text	DBs	Time Stamp	Com ment s	Err or Def initio n
10	BRS	L10	393761 recombinant\$2 or encod\$3	USPAT; EPO; JPO; DERWENT	2004/01/13 09:14		0
11	BRS	L11	9 same 10	USPAT; EPO; JPO; DERWENT	2004/01/13 09:15		0
12	BRS	L12	9 same (conjugat\$3 or covalen\$2 or link\$3)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:20		0
13	BRS	L13	10 same 12	USPAT; EPO; JPO; DERWENT	2004/01/13 09:20		0
14	BRS	L14	6 same 8	USPAT; EPO; JPO; DERWENT	2004/01/13 09:19		0
15	BRS	L15	14 same (conjugat\$3 or covalen\$2 or link\$3)	USPAT; EPO; JPO; DERWENT	2004/01/13 09:20		0
16	BRS	L16	10 same 15	USPAT; EPO; JPO; DERWENT	2004/01/13 09:21		0
17	BRS	L17	donovan adj stephen.in.	USPAT; EPO; JPO; DERWENT	2004/01/13 09:22		0
18	BRS	L18	9 17 and 14	USPAT; EPO; JPO; DERWENT	2004/01/13 09:22		0
19	BRS	L19	9 18 and 10	USPAT; EPO; JPO; DERWENT	2004/01/13 09:23		0

FILE 'MEDLINE' ENTERED AT 09:28:2 N 13 JAN 2004

FILE 'CAPLUS' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'EMBASE' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'SCISEARCH' ENTERED AT 09:28:20 ON 13 JAN 2004
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FILE 'AGRICOLA' ENTERED AT 09:28:20 ON 13 JAN 2004

=> s botulinum (w) (toxin or neurotoxin)
L1 22828 BOTULINUM (W) (TOXIN OR NEUROTOXIN)

=> s clostridial (w) (toxin or neurotoxin)
L2 1439 CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)

=> s berati (w) (toxin or neurotoxin)
L3 0 BERATI (W) (TOXIN OR NEUROTOXIN)

=> s beratti (w) (toxin or neurotoxin)
L4 1 BERATTI (W) (TOXIN OR NEUROTOXIN)

=> s butyricum (w) (toxin or neurotoxin)
L5 40 BUTYRICUM (W) (TOXIN OR NEUROTOXIN)

=> s tetani (w) (toxin or neurotoxin)
L6 433 TETANI (W) (TOXIN OR NEUROTOXIN)

=> s 11 or 12 or 14 or 15 or 16
L7 24024 L1 OR L2 OR L4 OR L5 OR L6

=> s substance P
L8 100001 SUBSTANCE P

=> s targeting moiety
L9 724 TARGETING MOIETY

=> s 18 (p) 19
L10 3 L8 (P) L9

=> s 17 (p) 18
L11 85 L7 (P) L8

=> s 111 (p) (conjugat? or link? orcovalent?)
L12 6 L11 (P) (CONJUGAT? OR LINK? ORCOVALENT?)

=> s 112 (p) (express? or recombinant? or encod?)
L13 0 L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)

=> duplicate remove 112
PROCESSING COMPLETED FOR L12
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)

=> d 114 1-6 ibib abs

L14 ANSWER 1 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2003:862780 CAPLUS
DOCUMENT NUMBER: 139:358792
TITLE: Botulinum toxin derivatives and methods to treat pain
associated with bone cancer
INVENTOR(S): Donovan, Stephen
PATENT ASSIGNEE(S): Allergan, Inc., USA
SOURCE: U.S., 24 pp., Cont.-in-part of U.S. Ser. No. 489,667.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6641820	B1	20031104	US 2000-625098	20000725
WO 2002007759	A2	20020131	WO 2001-US21984	20010712
WO 2002007759	A3	20030103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002037833	A1	20020328	US 2001-922093	20010803
US 6500436	B2	20021231		
US 2002068699	A1	20020606	US 2001-938112	20010823

PRIORITY APPLN. INFO.: US 2000-489667 A2 20000119
US 2000-625098 A 20000725

AB Methods for treating pain assocd. with bone tumor by administration to a patient of a therapeutically effective amt. of an agent are disclosed. The agent may include a ***clostridial*** ***neurotoxin*** component attached to a targeting moiety, wherein the targeting moiety is selected from the group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds. Specifically disclosed are ***conjugates*** of ***botulinum*** ***toxin*** components with ***substance*** ***p***.

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 2 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:89857 CAPLUS
DOCUMENT NUMBER: 136:145260
TITLE: Clostridial toxin derivatives and methods for treating pain
INVENTOR(S): Donovan, Stephen
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
SOURCE: PCT Int. Appl., 67 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002007759	A2	20020131	WO 2001-US21984	20010712
WO 2002007759	A3	20030103		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 6641820	B1	20031104	US 2000-625098	20000725

PRIORITY APPLN. INFO.: US 2000-625098 A 20000725
US 2000-489667 A2 20000119

AB Methods for treating a bone tumor, in particular pain assocd. with bone tumor, by administration to a patient of a therapeutically effective amt. of an agent are disclosed. The agent may include a clostridial neurotoxin component attached to a targeting moiety, wherein the targeting moiety is selected from the group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds.

L14 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:241331 CAPLUS
DOCUMENT NUMBER: 136:273210
TITLE: Clostridial toxin derivatives and methods for treating pain
INVENTOR(S): Donovan, Stephen
PATENT ASSIGNEE(S): Allergan Sales, Inc., USA

SOURCE:

U.S. Pat. Appl. Publ., 20 pp., Cont.-in-part of U.S.
Ser. No. 5,098.

CODEN: USXXCO

DOCUMENT TYPE:

Patent

LANGUAGE:

English

FAMILY ACC. NUM. COUNT:

4

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002037833	A1	20020328	US 2001-922093	20010803
US 6500436	B2	20021231		
US 6641820	B1	20031104	US 2000-625098	20000725
PRIORITY APPLN. INFO.:			US 2000-489667	A2 20000119
			US 2000-625098	A2 20000725

AB Agents for treating pain, methods for producing the agents and methods for treating pain by administration to a patient of a therapeutically effective amt. of the agent are disclosed. The agent can include a clostridial neurotoxin, or a component or fragment or deriv. thereof, attached to a targeting moiety, wherein the targeting moiety is selected from a group consisting of transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds. The agent comprises a botulinum toxin component covalently coupled to substance P.

L14 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:721252 CAPLUS

DOCUMENT NUMBER: 138:1236

TITLE:

Inhibition of Release of Neurotransmitters from Rat Dorsal Root Ganglia by a Novel Conjugate of a Clostridium botulinum Toxin A Endopeptidase Fragment and Erythrina cristagalli Lectin

AUTHOR(S):

Duggan, Michael J.; Quinn, Conrad P.; Chaddock, John A.; Purkiss, John R.; Alexander, Frances C. G.; Doward, Sarah; Fooks, Sarah J.; Friis, Lorna M.; Hall, Yper H. J.; Kirby, Elizabeth R.; Leeds, Nicola; Mouldsdale, Hilary J.; Dickenson, Anthony; Green, G. Mark; Rahman, Wahida; Suzuki, Rie; Shone, Clifford C.; Foster, Keith A.

CORPORATE SOURCE:

Centre for Applied Microbiology and Research, Porton Down, Salisbury, Wiltshire, SPR 0JG, UK

SOURCE:

Journal of Biological Chemistry (2002), 277(38), 34846-34852

PUBLISHER:

American Society for Biochemistry and Molecular Biology

DOCUMENT TYPE:

Journal

LANGUAGE:

English

AB Clostridial neurotoxins potently and specifically inhibit neurotransmitter release in defined cell types. Here we report that a catalytically active deriv. (termed LHN/A) of the type A neurotoxin from Clostridium botulinum has been coupled to a lectin obtained from Erythrina cristagalli to form a novel conjugate. This conjugate exhibits an *in vitro* selectivity for nociceptive afferents compared with the anatomically adjacent spinal neurons, as assessed using *in vitro* primary neuronal culture systems to measure inhibition of release of neurotransmitters. Chem. conjugates prepd. between *E. cristagalli* lectin and either natively sourced LHN/A or recombinant LHN/A purified from *Escherichia coli* are assessed, and equivalence of the recombinant material are demonstrated. Furthermore, the dependence of inhibition of neurotransmitter release on the cleavage of SNAP-25 is demonstrated through the use of an endopeptidase-deficient LHN/A conjugate variant. The duration of action of inhibition of neurotransmitter released by the conjugate *in vitro* is assessed and is comparable with that obsd. with Clostridium botulinum neurotoxin. Finally, *in vivo* electrophysiolog. shows that these *in vitro* actions have biol. relevance in that sensory transmission from nociceptive afferents through the spinal cord is significantly attenuated. These data demonstrate that the potent endopeptidase activity of clostridial neurotoxins can be selectively retargeted to cells of interest and that inhibition of release of neurotransmitters from a neuronal population of therapeutic relevance to the treatment of pain can be achieved.

REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2001:545729 CAPLUS

DOCUMENT NUMBER: 135:132453

TITLE: Clostridial neurotoxin derivatives attached to
 targetin moieties, and methods using them for
 treating pain
 INVENTOR(S): Donovan, Stephen
 PATENT ASSIGNEE(S): Allergan Sales, Inc., USA
 SOURCE: PCT Int. Appl., 76 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 4
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053336	A1	20010726	WO 2001-US1529	20010117
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
US 2002068699	A1	20020606	US 2001-938112	20010823

PRIORITY APPLN. INFO.: US 2000-489667 A 20000119
 AB The invention provides agents for treating pain, methods for producing the agents, and methods for treating pain by administration to a patient of a therapeutically effective amt. of the agent. The agent can include a clostridial neurotoxin, or a component of fragment or deriv. thereof, attached to a targeting moiety, wherein the targeting moiety is selected from transmission compds. which can be released from neurons upon the transmission of pain signals by the neurons, and compds. substantially similar to the transmission compds.

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L14 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
 ACCESSION NUMBER: 1999:249106 CAPLUS
 DOCUMENT NUMBER: 130:276767
 TITLE: Conjugates of galactose-binding lectins and clostridial neurotoxins as analgesics
 INVENTOR(S): Duggan, Michael John; Chaddock, John Andrew
 PATENT ASSIGNEE(S): The Speywood Laboratory Limited, UK; Microbiological Research Authority
 SOURCE: PCT Int. Appl., 50 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9917806	A1	19990415	WO 1998-GB3001	19981007
W:	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
CA 2306350	AA	19990415	CA 1998-2306350	19981007
AU 9893574	A1	19990427	AU 1998-93574	19981007
AU 741456	B2	20011129		
ZA 9809138	A	19990527	ZA 1998-9138	19981007
EP 996468	A1	20000503	EP 1998-946571	19981007
EP 996468	B1	20030521		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
JP 2001518522	T2	20011016	JP 2000-514674	19981007
AT 240747	E	20030615	AT 1998-946571	19981007

PRIORITY APPLN. INFO.: GB 1997-21189 A 19971008
 WO 1998-GB3001 W 19981007

AB A class of novel agents that are able to modify nociceptive afferent function is provided. The agents may inhibit the release of

neurotransmitters from discrete populations of neurons and thereby reduce or preferably prevent the transmission of afferent pain signals from peripheral to central pain fibers. They comprise a galactose-binding lectin linked to a deriv. of a clostridial neurotoxin. The deriv. of the clostridial neurotoxin comprises the L-chain, or a fragment thereof, which includes the active proteolytic enzyme domain of the light (L) chain, linked to a mol. or domain with membrane-translocating activity. The agents may be used in or as pharmaceuticals for the treatment of pain, particularly chronic pain.

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 09:27:55 ON 13 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 09:28:20 ON 13 JAN 2004

L1 22828 S BOTULINUM (W) (TOXIN OR NEUROTOXIN)
L2 1439 S CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)
L3 0 S BERATI (W) (TOXIN OR NEUROTOXIN)
L4 1 S BERATTI (W) (TOXIN OR NEUROTOXIN)
L5 40 S BUTYRICUM (W) (TOXIN OR NEUROTOXIN)
L6 433 S TETANI (W) (TOXIN OR NEUROTOXIN)
L7 24024 S L1 OR L2 OR L4 OR L5 OR L6
L8 100001 S SUBSTANCE P
L9 724 S TARGETING MOIETY
L10 3 S L8 (P) L9
L11 85 S L7 (P) L8
L12 6 S L11 (P) (CONJUGAT? OR LINK? OR COVALENT?)
L13 0 S L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)

=> s donovan stephen/au

L15 62 DONOVAN STEPHEN/AU

=> s l15 and l11

L16 5 L15 AND L11

=> duplicate remove l16

PROCESSING COMPLETED FOR L16

L17 5 DUPLICATE REMOVE L16 (0 DUPLICATES REMOVED)

=> s l17 not l14

L18 1 L17 NOT L14

=> d l18 1 ibib abs

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2003:696303 CAPLUS

DOCUMENT NUMBER: 139:224458

TITLE: ***Botulinum*** ***toxin*** and
substance ***p*** components for treating
inflammation and pain

INVENTOR(S): ***Donovan, Stephen***

PATENT ASSIGNEE(S): Allergan Sales, Inc., USA

SOURCE: U.S. Pat. Appl. Publ., 13 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2003165541	A1	20030904	US 2002-82691	20020225

PRIORITY APPLN. INFO.: US 2002-82691 20020225

AB The present invention relates to methods for treating neurogenic inflammation pain. The methods include administering an effective amt. of a compn. which includes a ***botulinum*** ***toxin*** component and a ***substance*** ***p*** component to a patient, thereby treating the neurogenic inflammation pain.

=> d his

(FILE 'HOME' ENTERED AT 09:27:55 ON 13 JAN 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT
09:28:20 ON 13 JAN 2004

L1 22828 S BOTULINUM (W) (TOXIN OR NEUROTOXIN)
L2 1439 S CLOSTRIDIAL (W) (TOXIN OR NEUROTOXIN)
L3 0 S BERATI (W) (TOXIN OR NEUROTOXIN)
L4 1 S BERATTI (W) (TOXIN OR NEUROTOXIN)
L5 40 S BUTYRICUM (W) (TOXIN OR NEUROTOXIN)
L6 433 S TETANI (W) (TOXIN OR NEUROTOXIN)
L7 24024 S L1 OR L2 OR L4 OR L5 OR L6
L8 100001 S SUBSTANCE P
L9 724 S TARGETING MOIETY
L10 3 S L8 (P) L9
L11 85 S L7 (P) L8
L12 6 S L11 (P) (CONJUGAT? OR LINK? ORCOVALENT?)
L13 0 S L12 (P) (EXPRESS? OR RECOMBINANT? OR ENCOD?)
L14 6 DUPLICATE REMOVE L12 (0 DUPLICATES REMOVED)
L15 62 S DONOVAN STEPHEN/AU
L16 5 S L15 AND L11
L17 5 DUPLICATE REMOVE L16 (0 DUPLICATES REMOVED)
L18 1 S L17 NOT L14

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	81.42	81.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.85	-4.85

STN INTERNATIONAL LOGOFF AT 09:36:34 ON 13 JAN 2004